growth, which in turn grow from buds

developed the previous season. All

pruning must, therefore, be based on

this characteristic of the plant. After

determining the system of pruning

best suited to the conditions, species

and variety the vine should be so

handled, during its early life, as to

develop a general framework of the

The pruning the first winter after

the planting of the vines is determined

by the character of the growth made

by the plants. If the growth has been

short and weak all the wood except

the strongest shoot should be removed

and this should be cut back to two

or three buds. If a strong growth has

been made and there is one straight,

well-ripened shoot, all other growth

should be removed and this cane cut

back to the height at which it is in-

tended to head the vine. This will

concentrate all the force and growth

of the plant into the cane which is

to become the trunk of the vine.

From this only such shoots should be

allowed to grow as are needed for

shaping the vine for the following,

its first, fruiting season. After this

framework has been established, the

fruit-bearing part of the plant should

be so pruned that it will be renewed

from year to year and so adjusted to

the variety and the food supply as

never to allow the plant to over bear, but at the same time to induce

it to bear its full capacity. Under

its fruiting capacity will increase cor

Not only do different countries have

type desired.



Art Talk. "Why do you paint pictures that nobody can understand?" we asked. "I'll tell you," replied the artist. "I used to paint the other kind, and peo- the thoughtful man. "But occasionally

that they wouldn't buy them."

Dr. Pierce's Pellets are best for liver, bowels and stomach. One little Pellet for a laxative—three for a cathartic.—Adv.

Three Catholic bishops are serving



### HANFORD'S Balsam of Myrrh

For Cuts, Burns, Bruises, Sprains, Strains, Stiff Neck, Chilblains, Lame Back, Old Sores, Open Wounds, and all External Injuries. Made Since 1846. Ask Anybody About It

Price 25c, 50c and \$1.00 All Dealers & C. Hanford Mfg. Co. No Laughing Matter.

"I suppose you read the newspapers to keep informed of world events?" "Yes, for the most part," answered ple understood them so darned well I read them for the sake of a good laugh.'

> "How is that?" "I find a great deal of unconscious humor in those diplomatic notes."

#### TO STOP TERRIBLE **RHEUMATIC PAINS**

Get a box of true Mustarine in the original yellow box for about 25 cents at druggists. Rub it on the inflamed joints or muscles, and that almost unbearable agony will go at once.

No rheumatic sufferer can afford to be without true Mustarine, for it never fails to give blessed relief. Use it for aches or pains anywhere, and for sore throat, bronchitis and pleurisy. There's relief in every rub. It stops pain and congestion. True Mustarine is made by Begy Medicine Co., Rochester, N. Y.

Who Owned the Train? Passenger (to colored porter)-Excuse me, but please tell me when the breakfast car opens-

Colored Porter-We've just had our coffee and rolls, so it's all ready for SPOILED SILAGE IS

the guests now .- Judge.

#### PREPAREDNESS!

To Fortify The System Against Orig when Grip is prevalent LAXATUE BROMC QUININE should be taken, as this combination of Quinine with other ingredients, destroys germs, acts as a Tonic and Laxative and thus keeps the system in condition to withstand Colds, Grip and Influenza. There is only one "BROMO QUININE." E. W. GROVE'S signature on box. 250. nature on box. #sc.

The reason a worthless man's wife is energetic is that she has to be ener-

# Cuba Lady Discovers New Remedy For Croup - You Just Rub It On

Apply Well Over Throat and Chest, Then Cover With a Warm Flannel Cloth.

Mrs. Ida Ford lives in Cuba, Mo., and not on the Island of Cuba, and her discovery is one that many other Missouri mothers have made since Vick's Vap-O-Rub was introduced here from the South last winter. And this discovery is simply this:-that it is no longer necessary to disturb the delicate little stomachs of the kiddles in Ford speak for herself.

times on my little boy four years old such as head colds, catarrh, asthma, for croup, and can say I have never sore throat, bronchitis or deep chest used a medicine of greater value for colds, down to inflammations of the this trouble. It acted almost imme- skin and tissues, such as burns, diately. My boy is subject to croup bruises, stings, piles and itchings. We and I have used almost every kind of particularly recommend it for mothers medicine one could buy for it, but it with small children, as it can be used was always about three days and freely, with perfect safety, on the nights before I could get it checked. youngest member of the family. Three Vick's Vap-O-Rub acted almost imme- sizes, 25c, 50c or \$1.00. The Vick diately. You may use this letter if Chemical Company, Greensboro, N. C.

answering any inquiries.

Vick's Vap-O-Rub is the invention of a North Carolina druggist. He found how to combine Menthol and Camphor with the volatile oils of Eucalyptus Thyme, Cubebs and Juniper in a salve form, so that, when Vap-O-Rub is applied externally, the body heat releases the ingredients in the form of

vapors. These vapors are inhaled with every breath, through the air passages, to the lungs, loosening the phlegm, and, in addition, Vick's is absorbed through the skin, taking out the tightness and soreness. This treating cold troubles. But let Mrs. double action makes Vap-O-Rub useful for a wide range of troubles. From "I have tested Vap-O-Rub three inflammations of the air passages,

## VICK'S "VAPORUB" SALVE THOUSANDS HAVE KIDNEY TROUBLE AND DON'T KNOW I

Weak and unhealthy kidneys cause so much sickness and suffering and when through neglect or other causes, kidney trouble is permitted to continue, serious results may be expected.

Your other organs may need attentionbut your kidneys should have attention first because their work is most important. If you feel that your kidneys are the eause of your sickness or run down condition commence taking Dr. Kilmer's wamp-Root, the great kidney, liver and bladder remedy, because if it proves to be the remedy you need and your kidneys begin to improve they will help all the ather organs to health.

Prevalency of Kidney Disease. Most people do not realize the alarm-

ing increase and remarkable prevalency of kidney disease. While 'tidney disorders are among the most common discases that prevail, they are almost the last recognized by patients, who usually content themselves with doctoring the effects, while the original disease constantly undermines the system.

A Trial Will Convince Anyone. Thousands of people have testified that the mild and immediate effect of Swamp-Root, the great kidney, liver and bladder remedy, is soon realized and that its stands the highest for its remarkable

results in the most distressing cases. Symptoms of Kidney Trouble.

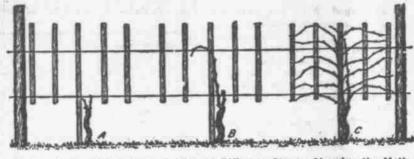
Swamp-Root is not recommended for everything but if you suffer from annoying bladder troubles, frequently passing water night and day, smarting or irrita-tion in passing, brick-dust or sediment, headache, backache, lame back, dizziness, poor digestion, sleeplessness, nerv-ousness, heart disturbance due to bad blood, neuralgia, rheumatism, lumbago, bloating, irritability, worn-out feeling, lack of ambition, may be loss of flesh or sallow complexion, kidney trouble in its worst form may be stealing upon you.

Swamp-Root is Pleasant to Take.

If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and onedollar size bottles at all drug stores.

SPECIAL NOTE—You may obtain a sample size bottle of Swamp-Root by enclosing ten cents to Dr. Kilmer & Co., Binghamton, N. Y. This gives you the opportunity to prove the remarkable merit of this medicine. They will also send you a book of valuable information, containing many of the thousands of grateful letters received from men and women who say they found Swamp-Root to be just the remedy needed a kidney, liver and bladder troubles. The value and success of Swamp-Root are so well known that our readers are advised to send for a sample size bottle. Address Dr. Elimer & Co., Binghamton, N. Y. When writing be sure and mention this paper.

BEST TIME TO PRUNE THE GRAPE VINES

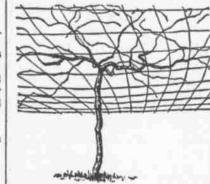


Hudson Horizontal System-A Vine at Different Stages, Showing the Method of Training-A, Pruned Vine in its Third Year-B, Vine in its Fourth Year-C, Unpruned Vine in Its Fourth Year.

(From Weekly Letter, United States De- | on shoots of the current season's partment of Agriculture.) Fall or winter pruning of grape vines in the home garden, as well as on the commercial plantation, may be done at any time during mild weather while the vines are in a dormant condition. In general, the period from November to March gives the most

satisfactory results, but the work should in all cases be done at least a week or ten days before the vines are likely to start into growth. In the colder sections of the coun try, wherever varieties not hardy

enough to withstand severe winters are grown, the vines must be artificially protected. Under such circumstances the vines should be pruned as soon as they become dormant. The system of pruning should be such as to easily admit of laying down the stalk and canes for next season's fruit production. The next step is to



Parrales System, Showing System of Training and the Arrangement of will gradually become stronger and

cover these parts with litter, leaves, or earth in such a way as to protect different methods of pruning and them from severe or repeated freez- training, but methods often vary in ing and thawing and to leave them so the several districts of the same councovered until just before the season try. Those interested in the methods for growth the following spring.

There are several species of grapes, each adapted to particular sections of the country, and each responds best to a particular method of culture, pruning and training. The vine normally produces its fruit | ment.

HARMFUL TO STOCK

veterinary remedies for over 20 yrs. Br. Gles Green, Weilington, Kansan, writes: Ex mans got cought in railroad and nearly pulled off her feet. Leg swelled twice its makeral size. It was awful. I enclose picture to see if you can still which has it was. It is near two years, and she has awer taken a limit step since fixee The limit spin in its work. Every bettle sold with Sigmad Contract Bend to return memor if remody falls on Ringbone-Thorophe-SPAVIN-or ANY Shoulder, Knos. Anke, Hoof or Tembon Discuss. No blustering or loss of hair. Horse works so usual. But write. BOOK, Sample Contract & ABVICE-ALL FREE (to Horse Owners & Managers). Address

TROY CHEMICAL CO., 5 Commerce Ave., Binghamton, H. Y. Druggists everywhere sell Save-The-Horse with CONTRACT or we send by Parcel Post.

PUPIL NURSES NEEDED March 1st and April 1st Exceptional advantages — Modern Nurses' Home; fully equipped Glass Rooms; eight hour schedule, allowance of \$5.00 per month with uniforms and fazt books after three months probationary period; two years of high school required for entrance. For full particulars address MISS FREDERIKA K. GAISER, Superintendent of Nurses, City Hospital, Cleyland, Obio

Implicity Incubators Have No told (orner

Garden Flower and Field Seeds

telling you what to plant, when and how. Also how to spray your trees.

Setting Her Right. "I do wish you would quit dabbling in politics," said Mrs. Twobble, fret fully.

"My dear," answered Mr. Twobble in his most dignified manner, "I would have you understand that I don't dabble in politics."

"When a man is up to his neck in anything he may splash, but he never

"No?"

# such treatment the body of the plant

If cross, feverish, constipated, give "California Syrup of Figs." of pruning and training used in this

country will find them illustrated and A laxative today saves a sick child described in Farmers' Bulletin No. tomorrow. Children simply will not 471, entitled "Grape Propagation, take the time from play to empty their Pruning and Training," which can be bowels, which become clogged up with had free on application to the departwaste, liver gets sluggish; stomach

Look at the tongue, mother! If coated, or your child is listless, cross, feverish, breath bad, restless, doesn't eat teaspoonful of "California Syrup of Figs," then don't worry, because it is perfectly harmless, and in a few hours all this constipation poison, sour bile and fermenting waste will gently move out of the bowels, and you have a well, playful child again. A thorough "inside cleansing" is ofttimes all that is necessary. It should be the first treatment given in any sickness. Beware of counterfelt fig syrups Ask at the store for a 50-cent bottle of "California Syrup of Figs," which has subsoil at one operation results in full directions for babies, children of temporarily decreasing the producing all ages and for grown-ups plainly

> Naughtycal. "What is the difference between ort and starboard?" asked the boy. "Port is the left hand and staroard the right," replied his father.

Why do you ask?" "Oh, nothing much, only Tommy Jones got fresh and I landed a port on his starboard eye."

#### **BIG EATERS HAVE BAD** KIDNEYS AND BACKACHE

Take a Glass of Salts at Once If Your Back Is Hurting or Kldneys and Bladder Trouble You.

The American men and women must strive to filter out, they weaken from overwork, become sluggish; the eliminative tissues clog and the result is

kidney trouble, bladder weakness and

a general decline in health. When your kidneys feel like lumps of lead; your back hurts or the urine is cloudy, full of sediment or you are obliged to seek relief two or three times during the night; if you suffer with sick headache or dizzy, nervous spells, acid stomach, or you have rheumatism when the weather is bad, get Soil well pulverized before the crop from your pharmacist about four flush and stimulate clogged kidneys;

> Jad Salts is inexpensive; cannot injure, makes a delightful effervescent lithia-water beverage, and belongs in every home, because nobody can make a mistake by having a good kidney flushing any time.-Adv.

The average walking pace of healthy man is 75 steps a minute.

QUITE A REGULAR ATTENDANT WOMAN AVOIDS

ohn Inclined to Resent Insinuation That He Habitually Stayed Away From Church.

"What's that song they're singing

"'Rock of Ages.' "'Rock of Ages'? Well, that's the first time I ever heard those words to 'Rock of Ages,' and that's the first was feeling ill and took all kinds of to 'Rock of Ages,' and that's the first was feeling ill and took all kinds of the control of the contr Must be something new. Nice win-

now?"

dow they got there, ain't it?" "Ye-e-es, I should say it is!" "I don't think I'll care much for your new preacher-don't like his col-

"John!" "Well, I don't! And I don't like the way he says 'idear,' neither. If your other preacher hadn't talked like he had a lot of potato in his mouth all the time I'd have come oftener. Lots of time I came here just on your ac-

count, and sat here in misery." "Yes, how many times were you here in the last year?" "Wasn't I here last Children's day?"

RECIPE FOR GRAY HAIR.

To half pint of water add 1 oz. Day Man, amail box of Barbo Compound, and % oz. of glycerine. Apply to the hair twice a week until it becomes the desired shade. Any drug-Write the J. Wilder Seed Co., 139
West Sixth St., Cincinnati, Ohio, for
their free 80 page, 1916 booklet on It will not color the scalp, is not sticky greasy, and does not rub off.—Adv.

Of Course.

"I suppose the bridegroom wore the onventional black?"

"Yes, and the still more conventional worried look."

## THE NEWEST REMEDY FOR

Kidney, Bladder and Uric Acid trou- | eaten, and even from some vegetables. bles bring misery to many. When The poor kidneys get tired and backthe kidneys are weak or diseased, ache begins. This is a good time to these natural filters do not cleanse take "Anuric," the new discovery of the blood sufficiently, and the poisons Dr. Pierce for Kidney trouble and Back-There follow depression, aches and pains, heaviness, drowsiness irritapains, heaviness, drowsiness and rheualways test the water of an applicant always test the water of an applicant pains in the back and loins, distressing bladder disorders and sometimes obstinate dropsy. The uric acid sometimes ment or settling sometimes indicates forms into gravel or kidney stones. kidney trouble. If you wish to know When the uric acid affects the muscles your condition send a sample of your and joints it causes lumbago, rheuma- water to Dr. Pierce's Invalids' Hotel, tism, gout or sciatica. This is the time Buffalo, N. Y., and describe symptoms. to send Dr. Pierce, Invalids' Hotel, It will be examined without any ex-Buffalo, N. Y., 10c for large trial pack- pense to you, and Dr. Pierce or his age of "Anuric." During digestion uric acid is ab- Anuric is now for sale by dealers, in

sorbed into the system from meat 50c pck'gs.

In the Watered Stock. "Did you take that plunge in the market you were contemplating?" "Yes, went in over my head, all

heartily, full of cold or has sore throat or any other children's ailment, give a Piles Relieved by First Application And cured in to 1s days by PAZO UNITMENT, the universal remedy for all forms of Piles. Druggists refund money if it falls 600

Love is a dream; marriage is alarm clock.

medical staff will inform you truthfully. MOTHER GRAY'S SWEET **POWDERS FOR CHILDREN** Relieve Feverishness, Constipa-tion, Colds and correct disorders of the stomach and bowels. Used 3, Mothers for 23 years. All Drugstes, 25c. Sample mailed FREB. Ad-dress Mother Gray Co., LeRoy, R. Y.

you ever set aside a bottle of water

for twenty-four hours? A heavy sedi-

Medicine Which Made Sur-

geon's Work Unnecessary.

the paper about Lydia E. Pinkham's Vegetable Com-pound and told my husband about it. I

said 'I know nothing will help me but I will try this.' I found myself improv-

ing from the very first bottle, and in two

weeks time I was able to sit down and

eat a hearty breakfast with my hus-band, which I had not done for two years.

I am now in the best of health and did not have the operation." - Mrs.

JOHN A. KOENIG, 502 Flushing Avenue,

Astoria, N. Y. Every one dreads the surgeon's knife

and the operating table. Sometimes nothing else will do; but many times

doctors say they are necessary when they are not. Letter after letter comes

to the Pinkham Laboratory, telling how operations were advised and were not

performed; er, if performed, did no good, but Lydia E. Pinkham's Vegetable Com-pound was used and good health followed.

If you want advice write to Lydia E. Pinkham Medicine Co.

(confidential), Lynn, Mass.

ing worse everyday.
I had chills, my head
would ache, I was
always tired. I could

not walk straight because of the pain in myback and I had

pains in my stom-ach. I went to a

doctor and he said I

must go under an operation, but I did

not go. I read in

PATENTS Watson E. Coleman, Watson E. Coleman, Watson D.C. Books free, High est references. Best result

W. N. U., CINCINNATI, NO. 5-1916.

# SUGCESS IN BOSTON

Remarkable Evidence Proves Varney of Var-ne-sis Fame Has Found Remedy for Rheumatism



Wall of Var-ne-sis Boston Exhibition Photographed Recently.

The above photograph taken recent- legs were drawn up so that they could ever opened to the public. Wheel chairs, crutches, derrick,

the joints. One of the wheel chairs ferers.'

was formerly owned by Mrs. F. A. me and try to remove the deposit. My ment.

ly at the Boston display rooms of Var. not be straightened, and to have anyne-sis shows what tremendous evi- one lift me from the bed was agony dence this man Varney has obtained unbearable. For one year I did not from rheumatic sufferers. It is truly leave the bed without assistance. How one of the most remarkable exhibits helpless I was and what I suffered only God and myself knows. "From an absolutely helpless cripple

canes and walls of photographs give who could only turn in bed with the one some idea of the great number of aid of a rope rigged overhead, I am rheumatics that have been benefited by now walking about as you see me, this simple preparation. Each and without the aid of a crutch or cane. every article has the name and address From day to day I can see I am growof the former owner. A large card ing better. I thank God for the knowlstates that W. A. Varney will give edge that brought Var-ne-sis to me and \$1,000 if these cases are not genuine. I have often prayed that Mr. Varney Var-ne-sis is a vegetable preparation might be long spared for a continuance that actually removes rheumatism of in the work that he is doing for suf-

Write today-this very minute-to Cheney of Moosup, Conn. She said:
"I suffered from rheumatism of the newspaper devoted to rheumatics. It's joints for five years. I believe every Free. Or, better still, get Var-ne-sis joint in my body was affected. My at your local druggist's today and behands, wrists, knees, feet were swollen gin to know what good health means, from a chalky deposit and I was help-less. Physicians wanted to operate on you from his wholesaler.—Advertise



No Mysterious Compounds to Chew Reform in Tobacco,

tucky tobaccos, and prepared by our own original and exclusive process, neutralizing the nicotine without chemicals, which guarantees to the consumer a standard of unequaled excellence, and the only anti-nervous, anti-dyspeptic tobacco in the market.

Mail Pouch Tobacco is always reliable and uniform in quality, does not cause heart-burn or indigestion, is free from grit, noxious flavorings, and adulterations, making

A Clean, Lasting Chew

A Cool, Sweet Smoke

#### REMOVE ALL TRASH FROM THE ORCHARD Many Insects and Fungous Dis-

amount of spoiled silage this year.

eases Can Be Destroyed During Cold Winter Months.

Farmers do not, as a rule, realize the value of cleaning up the orchard during winter. Many insects and fungous diseases which would make trouble the following season can be de stroyed in the cold months. First remove all trash and burn it, thereby destroying the insects that are lying dormant. Then remove from the orchard all mummied fruits. Old, rotten peaches, apples, plums and other fruits, whether on the tree or on the ground contain millions of spores which are capable of spreading diseases to the

next crop of fruit. An order of work that is recommended by Clemson college is to prune the orchard, clear it of all trash and then plow thoroughly. Such a system will aid materially in the production of a perfect crop of fruit the following season.-Clemson College.

Clean Farming Pays Best. Clean farming prevents many insects, weeds and other sources of troucrease the joy of living as well as the ous disorganization thereof. weight of the pocketbook.

Advantage of Thinning. Many gardeners do not properly es timate the advantage of thinning their crops. If strictly adhered to, the yield would be greatly increased and the quality greatly improved.

### KEEP GARDEN SOIL FREE FROM LUMPS

Poisonous Feed Should Be Hauled Seedbed Should Consist of Wellto Some Part of Field Out Firmed and Fine Earth—Large of Cattle's Reach. Clods Are Injurious.

respondingly.

(By C. LARSON, South Dakota Experiment Station.)

(By DR. J. O. MORGAN, Professor of Agronomy, College Station, Texas.) The molds and bacteria which cause The reason why it is usually recommended that soil in the garden be silage to decay produce at times poldeepened gradually is that the plowsonous by-products. The spoiled silage ing up of a large amount of dead, inert should be hauled out to some place in the field to which the cattle don't have access. The spoiled silage results power of the land. This is especially printed on the bottle. Adv. from air entered near the surface, which is natural, but not over a few true if the soil in question is underlain with a plastic, impervious clay inches should be spoiled. Shortly after filling the silo this top portion of subsoil. Such a soil should be plowed the silage becomes very hot, but ex- in the fall and the practice should be to plow from one to one and a half treme heat is not common to silage a inches deeper each year than was foot or two below the surface. practiced the preceding year until the The amount of spoiled silage may

soil has been deepened sufficiently. be minimized by going into the silo The presence of clods in the seed every day during the first week after bed, whether they be on the surface or underneath the surface, is injurifilling and tramping it down thoroughly. The silage settles during the first week. If there is no extra ous because of the fact that they decrease the water supply for the crop. weight on top the silage will become Large lumps massed together underloose and open, admitting air near the neath the surface have between them surface. This year the corn fodder large air spaces. Such a condition not was more green than usual. It was only allows the rain water to perco immature and contained a large per cent of water. If the farmer was not late to lower depths too rapidly, but careful to tramp it down daily after it admits too much surface air, which rapidly dries out the lumps and robs guard constantly against Kidney troufilling it may be seen why there appears to be more than the usual the seed bed of its moisture. The seed ble, because we eat too much and all bed should consist of well firmed and our food is rich. Our blood is filled fine earth if the roots or crops are with uric acid which the kidneys to penetrate it readily.

#### PULVERIZED SOIL IS BETTER THAN CLODS

Plantfood Already in Ground Is More Accessible—Land Rendered More Fertile.

is planted is much more productive ounces of Jad Salts; take a tablethan cloddy land or any land left with spoonful in a glass of water before an uneven surface, because the plant- breakfast for a few days and your kidfood already in the land is made more neys will then act fine. This famous accessible and the little root feeders salts is made from the acid of grapes which literally fill the ground can bet- and lemon juice, combined with lithia, ter gather nourishment from both and has been used for generations to earth and air.

Land thoroughly plowed and thor- to neutralize the acids in the urine so oughly pulverized before planting is it no longer is a source of irritation, not only rendered more fertile from a thus ending bladder disorders. natural standpoint, but is in far better condition to receive whatever artificial fertilizing one may wish to apply.

Mistake in Feeding. A worse mistake than high protein feeding, is not feeding enough of anything.

Avoid Water After Feeding. When possible to avoid it, never give a full draft of water within an ble, so clean up the weedy corners and hour after feeding the horses. This unsightly places. It will add much to effect is to carry much undigested the appearance of the farm and in- food into the bowels, producing seri-

> Value of the Mule. A mule, at three years of age, according to the present prices, will bring all the way from \$175 to \$225. according to quality. He is ready for business, and if well taken care of will be a useful animal 20 years hence.